

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/715,653-Conf. #5352
				Filing Date	November 18, 2003
				First Named Inventor	Mack J. SCHERMER
				Art Unit	1743
				Examiner Name	D. K. Handy
Sheet	1	of	3	Attorney Docket Number	0111453.00122US3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA*	US-4,817,443		Champseix et al.	
	AB*	US-5,055,263		Meltzer	
	AC*	US-5,133,373		Hoffman et al.	
	AD*	US-5,133,664	07-28-1992	Hawk et al.	
	AE*	US-5,306,510		Meltzer	
	AF*	US-5,408,891		Barber et al.	
	AG*	US-5,411,065		Meador et al.	
	AH*	US-5,474,744		Lerch	
	AI*	US-5,525,515		Blattner	
	AJ*	US-5,603,342		Shambaugh	
	AK*	US-5,700,637		Southern	
	AL*	US-5,770,151		Roach et al.	
	AM*	US-5,807,522		Brown et al.	
	AN*	US-5,827,744		Fose et al.	
	AO*	US-5,847,105		Baldeschwieler et al.	
	AP*	US-5,895,915		DeWeerd et al.	
	AQ*	US-5,897,837		Mizuno	
	AR*	US-5,922,617		Wang et al.	
	AS*	US-5,927,547		Papen et al.	
	AT*	US-5,935,859		Elliott et al.	
	AU*	US-5,957,167		Feygin	
	AV*	US-6,015,880		Baldeschwieler et al.	
	AW*	US-6,017,496		Nova et al.	
	AX*	US-6,024,925		Little et al.	
	AY*	US-6,039,211		Slater et al.	
	AZ*	US-6,083,763		Balch	
	AA1*	US-6,101,946		Martinsky	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	† ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA*	EP-0287783	10-26-1998	Hollis et al.		
	BB*	GB-2310006A	08-13-1997	Elverd		
	BC*	WO-00/013796	03-16-2000	Shalon et al.		
	BD*	WO-00/01798	01-13-2000	Rose et al.		
	BE*	WO-00/51058	08-31-2000	Zeleny et al.		
	BF*	WO-00/63705	10-26-2000	Kowallis		
	BG*	WO-01/58593	08-16-2001	Montagu		
	BH*	WO-99/22867	05-14-1999	Kowallis et al.		
	BI*	WO-99/34931	07-15-1999	Tisone et al.		
	BJ*	WO-99/36760	07-22-1999	Overbeck et al.		
	BK*	WO-99/42804	08-26-1999	Lemmo et al.		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	CA*	ALEXANDER KUKLIN, Ph.D., "Automation in Microarray Image Processing And Data Mining, High Throughput Screening" (Supplement to Biomedical Products), January 2000, pp. 4, 5, 6, 8, Cahners Publishing, Morris Plains, New Jersey, U.S.A.		
	CB*	Mark Schena, "DNA Microarrays: A Practical Approach", Chapters 2 and 6 (pp. 17-42 and pp. 101-120), New York, Oxford University Press, 1999, ISBN 01-19-963776-8		
	CC*	GSI Lumonics ScanArray Technical Note 300: "ScanArray Microarray Barcodes: Automated Microarray Analysis & Data Tracking, June, 1999		
	CD*	Website (www.biorobotics.co.uk) literature of BioRobotics, Inc. showing specifications of MicroGrid printed January 14, 2000		
	CE*	Website (www.cartesiantech.com) literature of Cartesian Technologies showing specifications of PinArray, nQUAD, CloneTracker and PegaSys printed January 14, 2000		
	CF*	Website (www.genemachines.com) literature of GenMachines showing specifications of OmniGrid printed January 14, 2000		
	CG*	Website (www.geneticmicro.com) literature of Genetic MicroSystems, Inc. showing specifications of GMS Microarray Analysis System printed on January 14, 2000		
	CH*	Website (www.genetix.co.uk) literature of Genetix Limited showing specifications of Q Array MicroArrayer printed January 14, 2000		
	CI*	Website (www.genpakdna.com) literature of GenPak, Inc. showing specifications of genpak Array 21 Robotic Micro-Arrayer System printed on January 14, 2000		
	CJ*	Website (www.genomicsolutions.com) literature of Genomic Solutions, Inc. showing specifications of Flexys printed on January 14, 2000		
	CK*	Website (www.esit.com) literature of Engineering Services Inc. showing specifications of SDDC printed on January 14, 2000		
	CL*	Website (www.packardinst.com) literature of Packard Instrument Company showing specifications of The BioChip Arrayer printed on January 17, 2000		
	CM*	Website (www.arrayit.com) literature of TeleChem International, Inc. showing specifications of ArrayIt printed on January 14, 2000		
	CN*	Website (www.maierprecision.com) literature of Majer Precision Engineering showing specifications of MicroQuill printed on January 14, 2000		
	CO*	Website (www.corning.com) literature of Corning Incorporated showing specifications of Corning Microarray Technology (CMT) printed on January 27, 2000		
	CP*	Website (http://nunc.nalgenunc.com) literature of Nalge Nunc International showing specifications of MicroWell Plates printed January 27, 2000		
	CQ*	Website (www.keyence.com) literature of Keyence Corporation of America showing specifications of CCD Bar Code Readers		
	CR*	Genetic MicroSystems Product Literature of GMS Microarray Analysis System		
	CS*	Mark Schena (editor), "Microarray Biochip Technology", Chapter 2, pp 19-38 (relevant pages		

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		33-36 entitled <i>Pin Washing and Sample Carryover</i>), Eaton Publishing, BioTechniques Books Division, Natick, Massachusetts U.S.A.	
	CT*	Website (www.intelligentbio.com) literature of Intelligent Bio-Instruments showing specifications of HT Production Microarrayer printed on April 14, 2000	
	CU*	Website (www.labman.co.uk) literature of Labman Automation Limited showing specifications of Microarray Spotter systems printed on April 14, 2000	
	CV*	Anonymous, "Wire Printer Diagnostic Method," IBM Technical Disclosure Bulletin, Vol. 27, No. 9, 1985, p 5042	
	CW*	Derisi et al, "The Mguide, a Complete Guide to Building Your Own Microarrayer," Biochemistry Department of Stanford University, 1999, pp 19-20	
	CX*	Rose, "Application of a Novel Microarraying System in Genomics Research and Drug Discovery," Journal of the Association of Laboratory Automation, Vol. 3, No. 3, July 1998, pp 53-56	
	CY*	"Patents Abstracts of Japan," Vol. 007, No. 196, Aug. 26, 1983	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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